

Amendments to the Claims

The following Listing of Claims replaces all prior versions, and listings, of claims in the application.

Listing of Claims:

Claim 1 (currently amended): A process for a camera having a display, the process comprising the steps of:

~~displaying~~ presenting a cursor and a plurality of icons at respective positions in ~~[[on]]~~ the display;

~~moving the camera;~~

sensing motion of the camera;

~~based on the motion,~~ maintaining the position of the cursor fixed in the display while repositioning the icons in the display in a direction opposite to the sensed motion of the camera until the cursor is on a target icon of the plurality of icons; and

in response to user input selecting a ~~[[the]]~~ target one of the icons positioned under the cursor ~~[[icon]]~~.

Claim 2 (currently amended): The process as set forth in claim 1, further comprising tracking features in a scene viewed through the camera, and wherein at least one of the icons is repositioned to appear to be fixed in space with regard to the tracked features ~~an image being viewed in the display~~.

Claim 3 (currently amended): The process as set forth in claim 2, wherein the at least one of the icons is repositioned by an amount in a direction opposite, and of corresponding magnitude, to the sensed motion of the camera.

Claim 4 (currently amended): The process as set forth in claim 1, wherein the presenting step comprises superimposing the cursor and the icons on a scene viewed through the camera ~~the display is a viewfinder~~.

Claim 5 (original): The process as set forth in claim 1, wherein the motion is sensed using a non-optical motion detector.

Claim 6 (original): The process as set forth in claim 1, wherein the motion is sensed using an optical motion detector.

Claim 7 (currently amended): The process as set forth in claim 1, wherein each of the icons ~~the target icon~~ is a thumbnail image.

Claim 8 (currently amended): The process as set forth in claim 7, including the steps ~~of~~ of:

interpreting the sensed motion of the camera as user input; and
performing image manipulation on a high resolution image associated with a selected one of the thumbnail image images in a manner responsive to the interpreted user input.

Claim 9 (original): The process as set forth in claim 8, including the step of transferring the manipulated high resolution image to a device external to the camera.

Claim 10 (original): The process as set forth in claim 1, wherein the target icon is associated with a function to be performed when the target icon is selected.

Claim 11 (withdrawn): A process for a camera having a display, the process comprising the steps of:

displaying a cursor and a first portion of a scene on the display;
using the cursor to select a first location within the first portion;
moving the camera to display a second portion of a scene on the display; sensing motion of the camera;
displaying the cursor based on the motion; and
using the cursor to select a second location within the second portion such that the first and second locations define a region of the scene, the region being of greater extent than is displayed in the display.

Claim 12 (withdrawn): The process as set forth in claim 11, wherein an operation is performed on the region.

Claim 13 (withdrawn): The process as set forth in claim 12, wherein the operation includes the step of capturing a panoramic image having the extent of the region.

Claim 14 (withdrawn): The process as set forth in claim 13, wherein the step of capturing the panoramic image includes displaying an indicator on the display to guide movement of the camera.

Claim 15 (withdrawn): The process as set forth in claim 12, wherein the operation includes the step of zooming the camera to display the region in the display.

Claim 16 (withdrawn): A process for a camera having a display, the process comprising the steps of:

displaying a first portion of an image on the display; moving the camera;
sensing motion of the camera; and
based on the motion, displaying a second portion of the image on the display.

Claim 17 (withdrawn): The process as set forth in claim 16, wherein the image is a panoramic image.

Claim 18 (withdrawn): The process as set forth in claim 16, wherein the image has a resolution greater than the display.

Claim 19 (withdrawn): A camera having a display, the camera comprising:
a motion sensor to sense motion of the camera;
circuitry to display a cursor and a plurality of icons on the display, based on the motion, the circuitry repositioning the icons in the display until the cursor is on a target icon of the plurality of icons; and
a selector to select the target icon.

Claim 20 (withdrawn): A camera having a display, the camera comprising: a motion sensor to sense motion of the camera; a selector; and

circuitry to displaying a cursor and a first portion of a scene on the display, if the cursor and selector is used to select a first location within the first portion, and the camera is moved to display a second portion of a scene on the display, the circuitry displays the cursor based on the motion so that the cursor can be used to select a second location within the second portion such that the first and second locations define a region of the scene, the region being of greater extent than is displayed in the display.

Claim 21 (withdrawn): A camera having a display, the camera comprising:

a motion sensor to sense motion of the camera; and

circuitry to displaying a first portion of an image on the display, and if motion of the camera is sensed, based on the motion, the circuitry displaying a second portion of the image on the display.

Claim 22 (currently amended): A process for a camera having a display, comprising:

sensing motion of the camera;

interpreting sensed motion of the camera as a user interface input; and

presenting images on the display images superimposed on a scene viewed though the camera in accordance with the interpreted user interface input.

Claim 23 (previously presented): The process of claim 22, wherein the interpreting step comprises determining a viewpoint for displaying a region of a given image on the display based on the sensed motion of the camera.

Claim 24 (previously presented): The process of claim 23, wherein the given image comprises a collection of icons.

Claim 25 (previously presented): The process of claim 24, wherein the presenting step comprises presenting in the display different regions of the given image containing respective subsets of the collection of icons in accordance with the determined viewpoint.

Claim 26 (previously presented): The process of claim 25, wherein the presenting step comprises superimposing a cursor in front of the displayed region of the given image, and further comprising selecting an icon displayed behind the cursor in response to a user selection input.

Claim 27 (previously presented): The process of claim 24, wherein the collection of icons includes thumbnail images each corresponding to a lower-resolution version of a respective stored image.

Claim 28 (previously presented): The process of claim 22, wherein the sensing step comprises tracking motion of the camera.

Claim 29 (previously presented): The process of claim 28, wherein the interpreting step comprises determining a sequence of regions of the given image to present on the display reflecting the tracked motion of the camera, and the presenting step comprises presenting the sequence of regions.

Claim 30 (previously presented): The process of claim 22, wherein the sensing step comprises acquiring a sequence of images and comparing successive images in the sequence to identify parameters describing motion of the device.

Claim 31 (currently amended): A camera, comprising:
a display;
a motion sensor configured to sense motion of the camera; and
circuitry configured to interpret sensed motion of the device as a user interface input and to present ~~images~~ on the display images superimposed on a scene viewed through the camera in accordance with the interpreted user interface input.

Claim 32 (previously presented): The camera of claim 31, wherein the circuitry is configured to determine a viewpoint for displaying a region of a given image on the display based on the sensed motion of the camera.

Claim 33 (previously presented): The camera of claim 32, wherein the given image comprises a collection of icons.

Claim 34 (previously presented): The camera of claim 33, wherein the circuitry is configured to present in the display different regions of the given image containing respective subsets of the collection of icons in accordance with the determined viewpoint.

Claim 35 (previously presented): The camera of claim 34, wherein the circuitry is configured to superimpose a cursor in front of the displayed region of the give image, and further comprising selecting an icon displayed behind the cursor in response to a user selection input.

Claim 36 (previously presented): The camera of claim 33, wherein the collection of icons includes thumbnail images each corresponding to a lower-resolution version of a respective stored image.

Claim 37 (previously presented): The camera of claim 31, wherein the circuitry is configured to track motion of the camera.

Claim 38 (previously presented): The camera of claim 37, wherein the circuitry is configured to determine a sequence of regions of the given image to present on the display reflecting the tracked motion of the camera, and the presenting step comprises presenting the sequence of regions.

Claim 39 (previously presented): The camera of claim 31, wherein the circuitry is configured to acquire a sequence of images and comparing successive images in the sequence to identify parameters describing motion of the device.

Claim 40 (currently amended): The camera of claim 31, wherein the display is a see-through display, wherein a virtual image is displayable over a scene viewed through the see-through display camera.

Claim 41 (currently amended): A process for a camera having a display, comprising:
sensing motion of the camera;
interpreting sensed motion of the camera as a user interface input;
presenting images on the display in accordance with the interpreted user interface
input; and
repositioning the images presented on the display in response to sensed motion of the
camera such that the presented images ~~The process of claim 22, wherein the different regions~~
~~of the given image are displayed so that the icons appear fixed with respect to a coordinate~~
system external to the camera.

Claim 42 (previously presented): The process of claim 22, wherein presenting comprises simultaneously presenting a virtual image and an image of a scene viewed through the camera.

Claim 43 (previously presented): The process of claim 42, wherein the virtual image includes a sheet of thumbnail images superimposed on a view through the camera.

Claim 44 (currently amended): A process for a camera having a display, comprising:
sensing motion of the camera;
interpreting sensed motion of the camera as a user interface input; and
presenting images on the display in accordance with the interpreted user interface
input ~~The process of claim 42, wherein presenting comprises presenting different portions of~~
a virtual panorama in the display in accordance with the interpreted user interface input,
wherein the virtual panorama is composed of multiple images captured by the camera.

Claim 45 (currently amended): A process for a camera having a display, comprising:
sensing motion of the camera;
interpreting sensed motion of the camera as a user interface input;
presenting images on the display in accordance with the interpreted user interface
input; and
~~The process of claim 22, further comprising selecting a portion of a scene through the~~
camera based on the interpreted user interface input.

Claim 46 (previously presented): The process of claim 45, wherein selecting the scene portion comprises designating boundaries of a region of the scene.

Claim 47 (previously presented): The process of claim 46, further comprising storing the designated region boundaries in the camera.

Claim 48 (currently amended): A process for a camera having a display, comprising:
sensing motion of the camera;
interpreting sensed motion of the camera as a user interface input;
presenting images on the display in accordance with the interpreted user interface
input; and

~~The process of claim 22, further comprising~~ modifying a captured image in response to the interpreted user interface input.

Claim 49 (previously presented): The process of claim 48, wherein modifying comprises cropping the captured image.

Claim 50 (previously presented): The process of claim 48, wherein modifying comprises changing color parameters associated with the captured image.

Claim 51 (previously presented): The process of claim 22, further comprising automatically recording time of day and geographic location data with each picture captured by the camera.

Claim 52 (previously presented): The process of claim 28, wherein the camera additionally has a second display, and further comprising presenting in the first and second displays a stereoscopic pair of images captured by the camera based on the tracked motion of the camera.